Electronic Filing System (EFS) Data Electronic Patent Application Submission USPTO Use Only

EFS ID:

62009

Application ID:

10077699

Title of Invention:

Hydrogen Production

First Named Inventor:

Thomas Happe

Domestic/Foreign Application:

Domestic Application

Filing Date:

2002-02-15

Effective Receipt Date:

2004-06-03

Submission Type:

BIO Sequence Filing

Filing Type:

Confirmation number:

3524

Attorney Docket Number:

01MEL1

Total Fees Authorized:

Digital Certificate Holder: cn=Laura Norman Tunnell,ou=Registered Attorneys,ou=Patent and

Trademark Office,ou=Department of Commerce,o=U.S. Government,c=US Certificate Message Digest: ad51f1b02c2ff4a1f112e416f33d941651844d9d



TRANSMITTAL

Electronic Version v1.1 Stylesheet Version v1.1.0

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We, the undersigned, certify that We have viewed a display of document(s) being electronically submitted to the United States Patent and Trademark Office, using either the USPTO provided style sheet or software, and that this is the document(s) We intend for initiation or further prosecution of a patent application noted in the submission. This document(s) will become part of the official electronic record at the USPTO.

Submitted by:	Elec. Sign.	Sign. Capacity
Michael Petit Registered Number: 30,795	Michael Petit	Attorney
Laura Tunnell Registered Number: 45,166	Laura Tunnell	Agent

Documents being submitted

Files

us-bio-seq-trans

01MEL1-usbios.xml us-bio-seq-trans.dtd

us-bio-seq-trans.xsl

sequence-listing

petit3.2fileB.val.ST25.txt

Comments

These are the sequences set forth in the application.

AMINO ACID AND/OR NUCLEOTIDE SEQUENCE LISTING SUBMISSION

Electronic Version v13 Stylesheet Version v01

THE CELL TO ROAM TO SHOW This is a request for filing the electronic Computer Readable Form copy of a sequence listing via the Electronic Filing System for a patent application under 37 CFR 1.821-1.825 instead of via one of the physical media specified in 37 CFR 1.824(c).

This communication has an attached file which is an electronic copy of the amino acid and/or nucleotide sequence listing for the previously mentioned United States patent application.

The electronic copy submitted herewith is the Computer Readable Form (CRF), as required by 1.821(e).

Any applicable fees associated with the filing of the electronic copy have been paid.

This submission does not go beyond the disclosure of the application as originally filed (i.e., contains no new matter). It may be in addition to an original CRF, filed to comply with the sequence rules.

This submission in electronic form comprises only the CRF of 37 CFR 1.821(e). I acknowledge that I am responsible for all additional requirements of amino acid and/or nucleotide sequence listing submissions as specified in 37 CFR 1.821 - 1.825.

This submission does not go beyond the disclosure of the application as originally filed (i.e., contains no new matter), and/or is in addition to an original CRF filed to comply with the sequence rules. If not made to comply with an originally filed CRF, it is identical to the sequences disclosed in the application as originally filed and/or the paper copy of the sequence listing as originally filed.

I hereby certify that this correspondence is being transmitted to the United States Patent and Trademark Office on the following date: 2004-06-03

Name: Laura Tunnell

Electronic Signature Mark: Laura Tunnell

Attachment description:

9 sequences: 3 cDNA, 3 mRNA, and 3 amoni acid

sequences

Compression software

used:

none